CUMULATIVE SUBJECT INDEX

Annals of the Entomological Society of America, Volume 78, 1985

Abdominal nerves, *Manduca sexta*, 845
Acroneuria evoluta, drift, 635
  growth, 635
  modeling, 635
Acrosternum hilare, development, 620
  diet effects, 620
Acyrthosiphon pisum, hyperparasitoids, 184
Aedes brelandi, mating, 769
  reproduction, 769
Aedes hendersoni, mating, 769
  reproduction, 769
Aedes sollicitans, giemsa self-marker, 20
  larvae/adult marking, 20
Africanized honey bee, certification of, 149
  computer simulation, 149
  identification of, 149
  North American honey bees, 149
  population dynamics, 149
Age, *Otiorhynchus sulcatus*, 322
Aggregation, Blattellid cockroaches, 107
  intra-/interspecific, 107
  Nezara viridula, 474
  n-tridecane, 474
Agnetina capitata, drift, 635
  growth, 635
  modeling, 635
Agonum decorum, modeling, 790
  population distribution, 790
  population sampling, 790
Agromyza frontella, cannibalism effects, 429
  cold hardiness, 248
  development of, 14
  development, 429
  diapause initiation, 248
  Medicago lupulina, 14
  reproduction in, 14
  reproduction, 429
Alabama argillacea, crowding effects, 35
  melanization in, 35
  phase variation, 35
Alarm/defense response, *Pheidole dentata*, 8
Algophagidae, new genus, 783
  new species, 783
  new subfamily, 783
  phylogenetic relationships, 783
Allocapnia rickeri, drift, 635
  growth, 635
  modeling, 635
Allozymes, boll weevil inheritance, 166
Alsophila pometaria, asexual genotypes, 456
  mating success, 456
  sex ratio, 456
Amblyomma americanum, epithelium changes, 62
  metabolic processes, 62
Amphinemura delosa, drift, 635
  growth, 635
  modeling, 635
Anastrepha ludens, courtship, 488
  in cages, 488
  microhabitat preferences, 488
  territoriality, 488
Anopheles albimanus, color mutants, 177
  genetics, 177
Anthonomus grandis, allozyme inheritance, 166
Apis mellifera, genetics, 841
  hygienic behavior, 841
  removing behavior, 841
  uncapping behavior, 841
Asexual lineages, *Alsophila pometaria*, 456
Aspartate aminotransferase, *Anthonomus grandis*, 166
  inheritance of, 166

Baculovirus heliothis, *Heliothis subflexa*, 468
Banasa dimidiata, development, 620
  diet effects, 620
Banasa Stal, adaptive radiation, 855
  cladistic analysis, karyotypes, 855
  polyploid evolution, 855
  zoogeography, 855
Bifunctional pheromone, *Nezara viridula*, 474
  n-tridecane, 474
Biological control, hyperparasitism, 184
  prickly poppies, 214
Biology, *Chauliops fallax*, 526
  Cyrtorhinus lividipennis, 459
  Microplitis brassicae, 369
  Nezara viridula, 620
  Niesthrea louisianica, 326
  Pachycrepoideus vindemiae, 411
  Parastrachia japonensis, 387
  Pseudococcus maritimus, 554
Bionomics, *Leptinotarsa decemlineata*, 662
Biotypes, *Microctonus aethiopoides*, 279
Blattellid cockroaches, intra-/interspecific aggregation, 107
Blow flies distribution, 565
  medical ecology, 565
  Peru, 565
Boarmia selenaria, sex pheromone glands, 446
Bolitotherus cornutus, courtship, 423
  female choice, 423
Brachystola magna, *Taeniopoda eques*, 451
Bracon mellitor, diapause, 377

Callosobruchus maculatus, crowding effects, 201
  polymorphism, 201
Camponotus sericeiventris, division of labor, 221
  polymorphism in, 221
Cannibalism, developmental consequences of, 24
  effects of diet on, 24
  Heliothis zea, 24
Caste ratios, *Solenopsis invicta*, 381
Ceratitis capitata, eye color trait, 198
  female sterility, 101
  Genetic sexing, 265
  gamma irradiation, 101
  genetic sexing, 265
  heterogametic sex, 198
  induced hypoxia, 101
  mating, 831
  population dynamics, 831
  pupurial age on sterility, 101
  recombination, 265
  sex ratios, 831
  sterile insect technique application, 101
  sterilization, 831
Chauliops fallax, biology, 526
  phylogeny, 526
  systematic status, 526
Chelonus sp., host/parasite interaction, 137
Chemical defense, *Taeniopoda eques*, 451
Chemical toxicity, *Nuculaspis californica*, 403
Chlorocoris, revision, 673
Chrysops fuliginosus, caloric reserves, 594
  mating, 594
Circadian rhythms, *Heliothis virescens*, 514
Cochliomyia hominivorax, distribution, 433
  habitat preference, 433
  in Mexico, 433
  land use, 433
  larva habitats, 440
  pre-eradication, 440
  spine variation, 440
  topography, 433
Cockroaches, Blattellid cockroaches, 107
Cold hardiness, *Tetanops myopaeformis*, 501
Coleomegilla maculata, *Perillitus coccinellae*, 852
Collops georgians, natural history, 131
Color mutants, *Anopheles albimanus*, 177
  genetics, 177
Comparison, *Heliothis* spp., 415
Computer simulation Africanized honey bee populations, 149
Copidosomopsis, new species, 705
Copromyza Fallen, Phylogentic, 331
  phylogenetic, 331
  taxonomy, 331
  taxonomy, 331
Cotesia flavipes, frass, 647
  host-finding, 647
  oviposition, 647
Courtship, *Bolitotherus cornutus*, 423
Crowding effects, *Alabama argillacea*, 35
  Callosobruchus maculatus, 201
  melanization and, 35
  polymorphism and, 201
  temperature and, 35
Ctenocephalides felis felis, emergence, 763

host-finding behavior, 29
longevity, 763
pupal cocoon, 763
Culex tarsalis, emergence, 666
mating, 666
swarming, 666
Culiseta inornata, diet destination, 495
diet ingestion, 495
feeding behavior, 495
mouthpart deployment, 495
Culture maintenance techniques, *Monochamus carolinensis*, 212
Cydia pomonella, diapause, 317
Cyrtorhinus lividipennis, biology of, 459
fecundity, 459
instars, 459
longevity, 459
variation in, 459

Dacus oleae, artificially reared colonies, 159
genetic selection, 159
Dalbulus, oviposition, 723
Phylogenetic classification, 291
Phylogentic classification, 291
Defensive behavior, *Taeniopoda eques*, 451
Delia antiqua, development on onion agar, 182
Description, *Foadia maculata*, 406
Mulsantina, 348
Diabrotica barberi, genetics, 271
larvae identification, 537
variation, 271
electrophoresis, 537
Diabrotica virgifera virgifera, electrophoresis, 537
larvae identification, 537
Dianthidium ulkei, mating, 804
nest building, 804
reproduction, 804
Diapause, *Bracon mellitor*, 377
Cydia pomonella, 317
Heliothis spp., 415
Diet, *Acrosternum hilare*, 620
artificial, 24
Banasa dimidiata, 620
cannibalism, 24
Euschistus servus, 620
Euschistus tristigmus, 620
Eusdristus quadrator, 620
low moisture, 24
meridic, 620
Mezara viridula, 620
natural, 620
Oebalus pugnax, 620
Orius insidiosus, 464
polysubstrate monooxygenase activity, 1
Thyanta accerra, 620
Distribution, *Mulsantina*, 348
Drumming, *Pteronarcella regularis*, 717
Pteronyarcys princeps, 717
Sierraperla cora, 717
Taeniopteryx burksi, 717

Eclosion, *Heliothis virescens*, 514
Edmundsula lotica, new species described, 235
Edmundsula, new genus described, 235
Egg pedicel, Whitefly spp., 506
Electrophoresis, *Diabrotica barberi*, 537
Diabrotica virgifera virgifera, 537
larvae identification, 537
Empoasca fabae, egg description, 709
fifth-instar description, 709
habits, 709
ornamental honey locust, 709
seasonal history, 709
Environmental chamber, fail-safe device, 863
Eucosma austrina, new species described, 240
Eucosma comatulana, new species described, 240
Eucosma matutina, new synonymy, 240
Eucosma notiallis, new species described, 240
Eucosma pediasios, new species described, 240
Eucosma rindgei, new species described, 240
Eucosma simillana, new synonymy, 240
Euschistus quadrator, development, 620
diet effects, 620
Euschistus servus, development, 620
diet effects, 620
Euschistus tristigmus, development, 620
diet effects, 620
Evolution, Lepidopteran scales, 252
Nadleria male genitalia, 94

Fecundity, *Cyrtorhinus lividipennis*, 459
Feeding behavior, *Culiseta inornata*, 495
Feeding, *Otiorhynchus sulcatus*, 322
Female choice, *Bolitotherus cornutus*, 423
Foadia maculata, description, 406
Fulgoroidea, new combinations, 656
new synonymies, 656

Galleria mellonella, communication, 54
mating, 54
sound production, 54

Genetic differentiation, *Rhopalosiphum maidis*, 518
Genetic sexing, *Ceratitis capitata*, 265
Genetics, *Anopheles albimanus*, 177
Apis mellifera, 841
Ceratitis capitata, 198
Dacus oleae, 159
Diabrotica barberi, 271
Heliothis subflexa, 468
heritability in *P. gossypiella*, 229
heterogametic sex, 198
Leptinotarsa decemlineata, 662
Pissodes strobi, 744
pheromone production, 229
selection, 159
Spodoptera frugiperda, 756
Gerridae, phylogenetic reconstructions, 137
Gerris paludum insularis, abortive anatrepsis, 509
capillary coating, 509
imperfect embryos, 509
Giemsa self-marker, development, 20
field testing, 20
Goniozus ligneri, temperature, 373
Gromphadorhina portentosa, mating, 629
olfactory cues, 629

Haploperla brevis, drift, 635
growth, 635
modeling, 635
Heliothis spp., comparison, 415
diapause, 415
Heliothis subflexa, backcrosses, 468
genetics of resistance, 468
nonoccluded *Baculovirus heliothis*, 740
resistance to *Baculovirus heliothis*, 468
Heliothis virescens, adult eclosion, 514
circadian rhythms, 514
nonoccluded *Baculovirus heliothis*, 740
photoperiod, 514
thermoperiod, 514
Heliothis zea, consequences of cannibalism, 24
nonoccluded *Baculovirus heliothis*, 740
Heptagenia culacantha, new species described, 5
Homeostatics, *Solenopsis invicta*, 381
Host-finding behavior, *Ctenocephalides felis felis*, 29
thermal cues and, 29
visual cues and, 29
Host/parasite interaction, *Chelonus* sp., 137
parasite dominance, 137
Host association, *Mulsantina*, 348
Hygienic behavior, *Apis mellifera*, 841
Hymenoptera, population dynamics, 836
social evolution, 836
Hyperparasitism, *Acyrthosiphon pisum*, 184
Hyposoter exiguae, apolysis, 775
emergence, 775
Manduca sexta, 775
parasitization, 775
Hyposoter fugitivus apolysis, 775
emergence, 775
Manduca sexta, 775
parasitization, 775
Hypoxia, *C. capitata*, induced on, 101

Insect population development, variable temperatures, 691
Insect populations, simulating development, 691
Insect specimens, preparation for microscope, 881
washing, 881
Isoperla namata, drift, 635
growth, 635
modeling, 635
Isoperla signata, drift, 635
growth, 635
modeling, 635
Ixodes dammini, abundance of deer, 172

Labidomera clivicollis, body-size variation, 603
life history, 603
reproduction, 603
starvation, 603
Larva cannibalism, *Agromyza frontella*, 429
Leaf mining, *Liriomyza* spp., 90
Leaf stippling, *Liriomyza* spp., 90
Lepidopteran scales, development of, 252
Papilionidae, 252
structure of, 252
Leptinotarsa decemlineata, bionomics, 662
genetics, 662
Leuctra tenuis, drift, 635
growth, 635
modeling, 635
Liriomyza spp., chrysanthemum, 90
effect on photosynthesis, 90
leaf mining effects, 90
leaf stippling effects, 90
Longevity, *Cyrtorhinus lividipennis*, 459
Lymantria dispar, dispersal, 728
mark-recapture, 728
population abundance, 728
survival, 728

Macropsis fumipennis, egg description, 709
fifth-instar description, 709
habits, 709
ornamental honey locust, 709
seasonal history, 709
Macrostelini, phylogeny, 291
Major/minor ratio variation, Pheidole dentata, *8*
Manduca sexta, *abdominal nerves, 845*
gate assignment, 70
Hyposoter exiguae, *775*
Hyposoter fugitivus, *775*
larval development, 70
larval molting, 775
parasitization, 775
pupal development, 70
sensory receptors, 845
technique for staging, 70
Mark-recapture studies, Lymantria dispar, *728*
Mating, *Aedes brelandi*, 769
Alsophila pometaria, 456
Ceratitis capitata, 831
Chrysops fuliginosus, 594
Culex tarsalis, 666
Dianthidium ulkei, 804
Galleria mellonella, 54
Metaseiulus occidentalis, 594
Nezara viridula, 86
Periplaneta americana, 284
Polistes snelleni, 736
sex pheromone, 751
sound production and, 54
Taeniopoda eques, 811
Thymelicus lineola, 650
Toxotrypana curvicauda, 751
Medicago lupulina, host of Agromyza frontella, 14
Megacyllene robiniae, attacks in coal lands, 50
Megacyllene robiniae, attacks on black locust trees, 50
Melanization, *Alabama argillacea*, 35
crowding effects, 35
Metabolic processes, *Amblyomma americanum*, 62
Metaseiulus occidentalis, mating, 588
Metathoracic secretion, *Taeniopoda eques*, ..1
Microctonus aethiopoides ,morphology, 279
morphometrics, 279
Microplitis brassicae, biology, 369
reproduction, 369
Microplitis brassica, biology, 369
reproduction, 369
Migration, *Rhopalosiphum maidis*, 518
Modeling, *Agonum decorum*, 790
growth and drift, 635
population distribution, 790
stoneflies, 635
Monochamus carolinensis, culture maintenance techniques, 212
larval development, 212
oviposition biology, 81
Morphology, *Cochliomyia hominivorax*, 440
Microctonus aethiopoides, 279
Microctonus aethiopoides, 279
Mountain pine beetle, colonization, 1
polysubstrate monooxygenase activity, 1
Mulsantina, description, 348
distribution, 348
description, 348
distribution, 348
host association, 348
Multiple-cohort development, computer program, 691
insect populations, 691
Musca autumnalis, age structure, 480
fecundity, 480
overwintering, 480
temperature, 480
Musca domestica, 2,4-diamino-6(2-furyl)-s-triazine, 873
Muscidifurax uniraptor, sex ratios, 398
Melanopline grasshoppers, interspecific variation, 127
ovariole number variation, 127

N-tridecane, characteristics, 474
interaction, stimuli, 474
Nezara viridula, 474
Nadleria gamma, new species, 94
Nadleria, male genitalia, 94
Neoterpes ephelidaria, controlling prickly poppies, 214
Nervous systems, adults, 845
New genus, *Edmundsula*, 235
New species, *Stylogaster hirticosta*, 111
Edmundsula lotica, 235
Eucosma austrina, 240
Eucosma notialis, 240
Eucosma pediasios, 240
Eucosma rindgei, 240
Heptagenia culacantha, 5
Nadleria gamma, 94
Prosimulium arvum, 41
Prosimulium transbrachium, 41
Stigmarcarus stantoni, 207
Stylogaster aldrichi, 111
Stylogaster brasilia, 111
Stylogaster costaricae, 111
Stylogaster dispar, 111
Stylogaster hirta, 111
Stylogaster inca, 111
Stylogaster intermedia, 111
Stylogaster latipes, 111
Stylogaster longispina, 111
Stylogaster maculifrons, 111
Stylogaster magna, 111
Stylogaster paradecorata, 111
Stylogaster penai, 111
Stylogaster petersoni, 111
Stylogaster plumidecorata, 111
Stylogaster rufa, 111
Stylogaster schlingeri, 111
Stylogaster sedmani, 111
Stylogaster tarsia, 111
Stylogaster tibialis, 111
Stylogaster triannulata, 111
New synonymy, *Eucosma comatulana*, 240
Eucosma matutina, 240
Eucosma similiana, 240
Nezara viridula, aggregation, 474
bifunctional pheromone, 474
biology, 620
development, 620
diet effects, 620
male size, 86
mate selection, 86
n-tridecane, characteristics, 474
n-tridecane, dispersal, 474
n-tridecane, interaction, 474
sperm competition, 86
Niesthrea louisianica, biology, 326
rearing, 326
Nonoccluded *Baculovirus heliothis*, *Heliothis* species, 740
Nuclear polyhedrosis virus, nonocc. *Baculovirus heliothis*, 740
Nuculaspis californica, chemical toxicity, 403
sex ratios, 403

Oebalus pugnax, development, 620
diet effects, 620
Oocyte production, *Periplaneta americana*, 284
Periplaneta americana, 284
Ophion flavidus, adult emergence patterns, 217
host size, 217
Spodoptera frugiperda, 217
seasonal parasitism rates, 217
Orientus ishidae, egg description, 709
fifth-instar description, 709
Orientus ishidae, habits, 709
ornamental honey locust, 709
seasonal history, 709
Orius insidiosus, development, 464
diet influence, 464
food effects, 464
longevity, 464
oviposition, 464
reproduction, 464
survival, 464
Ornamental honey locust, *Empoasca fabae*, 709
Macropsis fumipennis, 709
Orientus ishidae, 709
Stragania alabamensis, 709
Stragania apicalis, 709
Otiorhynchus sulcatus, age, 322
feeding, 322
Overwinter, *Musca autumnalis*, 480
Tetanops myopaeformis, 501
Oviposition biology, *Monochamus carolinensis*, 81
Oviposition, *Cotesia flavipes*, 647
Polistes snelleni, 736
Taeniopoda eques, 811
Oxybelus, ethology, 865
New Mexico, 865

Pachycrepoideus vindemiae, biology, 411
Papilionidae, iridescent lepidopteran scales, 252
Parasitism, *Ophion flavidus*
Spodoptera frugiperda, 217
Parasitization, *Coleomegilla maculata*, 852
development, host stage, 852
Hyposoter exiguae, 775
Hyposoter fugitivus, 775
Manduca sexta, 775
Perilitus coccinellae, 852
Parastrachia japonensis, biology, 387
Pectinophora gossypiella, genetic heritability, 229
pheromone production, 229
reproduction, 559
sperm use, 559
Perilitus coccinellae, *Coleomegilla maculata*, 852
development, 852
parasitization, 852
Periplaneta americana, mating, 284
Oocyte production, 284
Oocyte production, 284
Pheidole dentata, alarm/defense response, 8
major/minor ratio variation, 8
Pheromones, genetic effects on, 229
Pectinophora gossypiella, 229
production of, 229
variation in production, 229
Phyllonorycter sp., New England, 826
rosaceous hosts, 826

Phylogenetic classification, *Dalbulus*, 291
Phylogenetic reconstruction, causes of differences, 137
Gerridae, 137
Phylogenetic relationships, Algophagidae 783
Phylogenetic, *Copromyza Fallen*, 331
Phylogeny, *Macrostelini*, 291
Pissodes strobi, genetic divergence, 744
population studies, 744
Polistes snelleni, mating, 736
orphaned workers, 736
oviposition, 736
Polymorphism, *Callosobruchus maculatus*, 201
Camponotus sericeiventris, 221
crowding and, 201
division of labor, 221
Polyploid evolution, *Banasa Stal*, 855
Polysubstrate monooxygenase activity, effects on colonization, 1
mountain pine beetles, 1
western pine beetle, 1
Prosimulium arvum, new species described, 41
Prosimulium transbrachium, new species described, 41
Prostola completa, drift, 635
growth, 635
modeling, 635
Pseudococcites eocaenicus, revision, 600
Pseudococcus maritimus, life history, 554
mating, 554
natural enemies, 554
sex attraction, 554
Pteronarcella regularis, drumming, 717
Pteronyarcys princeps, drumming, 717
Pupal cocoon, *Ctenocephalides felis felis*, 763

Rearing, *Niesthrea louisianica*, 326
Recombination, *Ceratitis capitata*, 265
Removing behavior, *Apis mellifera*, 841
Reproduction, *Aedes brelandi*, 769
Aedes hendersoni, 769
Dianthidium ulkei, 804
Labidomera clivicollis, 603
Microplitis brassicae, 369
Microplitis brassica, 369
Taeniopoda eques, 811
Resistance, *Heliothis subflexa*, 468
Rhagoletis pomonella, fruit-acceptance, 799
geographic comparison, 799
host selection, 799
Rhopalosiphum maidis, genetic differentiation, 518
migration, 518
Rosaceous hosts, *Phyllonorycter* sp., 826

Sex pheromone glands, *Boarmia selenaria*, 446
Sex pheromones, *Toxotrypana curvicauda*, 751
Sex ratio, *Alsophila pometaria*, 456
Muscidifurax uniraptor, 398
Nuculaspis californica, 403
Sierraperla cora, drumming, 717
Sirocaulodes tescorum, controlling prickly poppies, 214
Social evolution, Hymenoptera, 836
Solenopsis invicta, caste ratios, 381
homeostatics, 381
Spodoptera frugiperda, genetics, 756
population structure, 756
Sterile insect technique application, adverse effects, 101
application, *C. capitata*, 101
Stichotrema eocaenicum, description, 600
Sticky traps, insect removal, 881
Stigmarcarus stantoni, association with weevils, 207
new species described, 207
Stragania alabamensis, egg description, 709
fifth-instar description, 709
habits, 709
ornamental honey locust, 709
seasonal history, 709
Stragania apicalis, egg description, 709
fifth-instar description, 709
habits, 709
ornamental honey locust, 709
seasonal history, 709
Stylogaster aldrichi, new species described, 111
Stylogaster brasilia, new species described, 111
Stylogaster costaricae, new species described, 111
Stylogaster dispar, new species described, 111
Stylogaster hirta, new species described, 111
Stylogaster hirticosta, new species described, 111
Stylogaster inca, new species described, 111
Stylogaster intermedia, new species described, 111
Stylogaster latipes, new species described, 111
Stylogaster longispina, new species described, 111
Stylogaster maculifrons, new species described, 111
Stylogaster magna, new species described, 111
Stylogaster paradecorata, new species described, 111
Stylogaster penai, new species described, 111
Stylogaster petersoni, new species described, 111
Stylogaster plumidecorata, new species described, 111
Stylogaster rufa, new species described, 111
Stylogaster schlingeri, new species described, 111
Stylogaster sedmani, new species described, 111
Stylogaster tarsia, new species described, 111
Stylogaster tibialis, new species described, 111
Stylogaster triannulata, new species described, 111
Stylogaster, review of New-World species, 111
Stylopids, phylogeny, 600
Swarming, *Culex tarsalis*, 666
Systematic status, *Chauliops fallax*, 526

Tabanus conterminus, species designation, 12
Tabanus nigrovittatus, related species, 12
Tabanus simulans, conspecificity with T. nigrovittatus, 12
Taeniopoda eques, *Brachystola magna*, 451
biology, 811
chemical defense, 451
defensive behavior, 451
grasshopper mouse, 451
life history, 811
mating, 811
metathoracic secretion, 451
movement, 811
oviposition, 811
reproduction, 811
Taeniopteryx burksi, drumming, 717
Taxonomy, *Copromyza Fallen*, 331
Telenomus chloropus, development, 615
emergence, 615
humidity effects, 615
temperatire effects, 615
Temperature, *Goniozus ligneri*, 373
Musca autumnalis, 480
Tetanops myopaeformis, cold hardiness, 501
distribution, soil, 501
overwinter survival, 501
Tethered-insect flight, monitoring, 626
recorder, 626
Tetranychus urticae, aerial-dispersal, 609
Thyanta accerra, development, 620
diet effects, 620
Thymelicus lineola, mating, 650
Tosotrypana curvicauda, sex pheromone, 751
courtship, 751
mating, 751
Trissolcus basalis, development, 615
emergence, 615
humidity effects, 615
temperature effects, 615
Troglogenelon zapoteca, biology, 541
new genus, 541
new species, 541
phylogeny, 541
reproductive structures, 541

Uncapping behavior, *Apis mellifera*, 841

Variation, *Diabrotica barberi*, 271

Western pine beetle, colonization, 1
polysubstrate monooxygenase activity, 1
Whitefly spp., egg pedicel insertion, 506
2,4-diamino-6-2(2-furyl)-s-triazine, biological activity, 873
Musca domestica, 873

CUMULATIVE AUTHOR INDEX

Annals of the Entomological Society of America, Volume 78, 1985

A

Aalbu, R.L., 541
Adler, G.H., 172
Adler, P.H., 41, 279
Alstad, D.N., 403
Appel, A.G., 107

B

Barker, D.M,. 62
Bartlett, A.C., 559
Baumgartner, D.L., 565
Beardsley, J.W., 506
Beckage, N.E., 775
Becker, D., 446
Bellinger, R.G., 127
Benedict, M.Q., 177
Blum, M.S., 451
Boethel, D.J., 615
Bogart, J.P., 537
Boiteau, G., 663
Borkovec, A.B., 873
Botts, W.F.Jr., 5
Brenner, R.J., 433
Brewer, F.D., 620
Brown, J.J., 316
Brown, L., 423
Browning, H.W., 369
Burger, J.F., 12
Busher, C.E., 221
Butler, G.D. Jr., 373

C

Calabi, P., 221
Calabrese, D.M., 137
Caltagirone, L.E., 705
Camras, S., 111
Carde, R.T., 229
Carlson, R.O., 70
Cave, F.E., 588
Chapin, J.B., 348
Church, C.J., 480
Church, G.E., 35
Collins, R.D., 229
Cone, W.W., 554
Conrad, L.B., 20
Cooley, S.S., 799
Coulson, R.N., 691
Craig, G.B., 769
Cyjon, R., 446

D

Doss, R.P., 322

E

Eaton, J.L., 845
Economopoulos, A.P., 159
Edmunds, G.F. Jr., 403
Ellis, C.R., 537
Erickson, E.H. Jr., 149
Ernst, M.R., 635
Evans, J.L., 5
Eymann, M., 182

F

Feldman, R.M., 691
Fitzgerald, V.J., 423
Flowers, F.W., 5
Foil, L.D., 35
Fraser, J.M., 629
Freeman, J.V., 12
Freeman, J.M., 863
Friend, W.G., 182, 495
Frohlich, D.R., 804
Fuchs, T.W., 647
Futuyma, D.J., 456

G

Garcia, C., 468, 740
Ghiradella, H., 252
Goeden, R.D., 214
Goodman, W.G., 70
Gould, F., 24
Grace, B., 501
Greenberg, B., 565
Grimes, E.W., 554

H

Hair, J.A., 62
Hammond, A.M., 35
Harman, D.M., 50
Harshman, L.G., 456
Hart, W.G., 488
Hartstack, A.W. Jr., 415
Heady, S.E., 723
Heath, R.R., 751
Hoy, M.A., 588
Huettel, M.D., 468, 740
Husband, R.W., 207

I

Ignoffo, C.M., 468, 740
Irwin, M.E., 518

J

Johnson, O.A., 271
Johnson, S.J., 35, 756
Johnston, A.B., 8
Jones, C.G., 451
Jones, D., 141
Jones, V.P., 90
Jones, W.A., 615
Jones, W.A. Jr., 326, 620
Joslyn, D.J., 20
Joyner, K., 24

K

Kallet, C., 799
Kennedy, G.G., 609
Kiman, Z.B., 464
Kim, K.C., 41, 279, 331
King, J.R., 751
King, P.S., 131
Kinzelbach, R.K., 600
Knop, N.F., 667
Koch, H., 62
Krafsur, E.S., 480
Krysan, J.L., 271

L

Lacroix, S., 248
Landolt, P.J., 751
Lanier, G.N., 744
Lebeck, L.M., 90
Legner, E.F., 398
Leibensperger, L.B., 629
Leppla, N.C., 863
Lewis, L.J., 559
Liebherr, J.K., 790
Linit, M.J., 81, 212
Liquido, N.J., 459
Lockwood, J.A., 474
Lopez, J.D. Jr., 415
Loukas, M., 159
Luck, R.F., 410
Lutz, H., 600

M

Macdonell, J., 423
Mack, T.P., 217
Madden, L.V., 723
Magnarelli, L.A., 594
Maier, C.T., 826
Mangan, R.L., 440
McDonald, I.C., 271
McDonald, P.T., 831
McInnis, D.O., 831
McIntosh, A.H., 468, 740
McLain, D.K., 86
McNeil, J.N., 14, 248, 429, 651
Meinke, L.J., 376
Menzer, R.E., 873
Mertins, J.W., 186
Messina, F.J., 201
Miller, W.E., 240
Milne, C.P. Jr., 841
Mitchell, S., 101
Mockford, E.L., 94
Moon, R.D., 480
Moore, I., 446
Mori, H., 509
Moser, J.C., 783
Murphy, W.L., 881

N

Nadel, H., 410
Narang, S., 177
Nault, L.R., 291, 723
Nelson, K.L., 70
Nishida, T., 459
Norrbom, A.L., 331
North, D.T., 166

O

O'Brien, L.B. 657
Oatman, E.R., 369
Obrycki, J.J., 852
Oconnor, B.M., 783
Orr, D.B., 615
Orsak, L.J., 811
Osbrink, W.L.A., 29
Ouzts, J.D., 326
Ownby, C., 62

P

Page, R.E. Jr., 149
Pakaluk, J., 406
Palmer, J.O., 603
Parker, F.D., 804
Parrella, M.P., 90
Parrillo, P.P., 111
Pashley, D.P., 756
Paulson, G.S., 506
Peckham, D.J., 865
Peloquin, J.J., 667
Pessah, I.N., 873
Phillips, T.W., 744
Pienkowski, R.L., 127
Pipa, R.L., 284
Pivnick, K.A., 651
Porter, S.D., 381
Prokopy, R.J., 799

Q

Quimby, P.C., 326
Quiring, D.T., 14, 429

R

Reisen, W.K. 667
Renwick, J.A.A., 210
Ricker, D.W., 214
Riley, S.L., 626
Robacker, D.C., 488
Robertson, J.L., 1
Rohlfs, W.M. III, 217
Rossler, Y., 265
Roush, R.T., 514
Rust, M.K., 29, 107, 763

S

Sauer, J.R., 62
Saul, S.H., 198
Schaefer, C.W., 387, 526
Scheepens, M.H.M., 446
Schmidt, K.M., 373
Schneider, J.C., 514
Seawright, J.A., 177
Seo, S.T., 101
Shanks, C.H. Jr., 322

Sharpe, P.J.H., 691
Silverman, J., 763
Sivaramakrishnan, K.G., 235
Slavin, P.T., 20
Slosser, J.E., 376
Smith, J.W. Jr., 647
Smitley, D.R., 609
Sofield, R.K., 12
Spangler, H.G., 54
Sparks, A.N., 756
Sparks, T.C., 35
Spielman, A., 172
Starr, C.K., 836
Steiner, W.W.M., 518
Stewart, K.W., 635, 717
Stinner, R.E., 626
Story, R.N., 474
Sturgeon, K.B., 1
Suzuki, T., 736
Sweet, M.H., 526

T

Tachikawa, S., 387
Tam, S.Y.T., 831
Tauber, C.A., 852
Tauber, M.J., 852
Taylor, D.B., 769
Templeton, T.J., 775
Terranova, A.C., 166
Therrien, P., 248
Thomas, D.B., 855
Thomas, D.B. Jr., 674
Thompson, W.A., 50
Traniello, J.F.A., 221, 629
Triplehorn, B.W., 291
Tschinkel, W.R., 381

V

Valley, K.R., 709
VanTyne, M.A., 50
Vegiard, S., 14
Vergini, Y., 159
Voegtlin, D.J., 518
van Leerdam, M.B., 647

W

Wagner, T.L., 691
Walker, H.E., 326
Walsh, K.D., 81
Weseloh, R.M., 728
Wheeler, A.G. Jr., 709
Whitfield, G.H., 501
Whitman, D.W., 451, 811
Wilkening, P., 468
Williams, J.P., 62
Williamson, D.L., 101
Wilson, E.O., 8
Wilson, M.L., 172
Wu, H., 691
Wysoki, M., 446

Y

Yeargan, K.V., 464
Yonke, T.R., 855
Youngman, R.R., 90

Z

Zeigler, D.D., 717
Zouros, E., 159